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FEB 16 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor : Alexander Katsvich  
Appl. No. : 10/523,867  
Filing Date : 02/07/2005  
Examiner : David V. Bruce  
Art Unit : 2882  
Docket No. : UCF-456  
Customer No. : 23717  
Title : EFFICIENT IMAGE RECONSTRUCTION ALGORITHM FOR  
THE CIRCLE AND LINE CONE BEAM COMPUTED  
TOMOGRAPHY

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

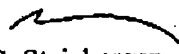
Honorable Commissioner:

I enclose the following papers:

1. Amendment Response and Arguments 13 pages

Please enter the above correspondence.

Respectfully submitted,

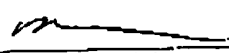
  
Brian S. Steinberger  
Attorney at Law  
PTO Registration No. 36,423  
101 Brevard Avenue  
Cocoa, Florida 32922  
(321) 633-5080 Facsimile (321) 633-9322

## CERTIFICATE OF TRANSMISSION (37 CFR 1.8a)

I hereby certify that this paper along with any paper referred to as being attached is being facsimile transmitted on the date shown below to the Central FAX number 571-273-8300.

2/16/06  
Date

Brian S. Steinberger  
(Name of Person Transmitting Attached Papers)

  
(Signature of Person Transmitting Attached Papers)

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Appl No.: 10/523,867

**FEB 16 2006**

Atty. Dkt.: UCF-456US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor : Alexander Katsvich  
Appl. No. : PCT/US04/12536  
Filing Date : 23 April 2004  
Examiner : David V. Bruce  
Art Unit : 2882  
Docket No. : UCF-456PCT  
Customer No. : 23717  
Title : EFFICIENT IMAGE RECONSTRUCTION ALGORITHM FOR  
THE CIRCLE AND LINE CONE BEAM COMPUTED  
TOMOGRAPHY

**Commissioner of Patents**  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

In response to the Office communication dated November 28, 2005, please amend the above-identified application as follows:

**Amendment to the Claims** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 12 of this paper.

Appl No.: 10/523867

Atty. Dkt.: UCF-456US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****RECEIVED  
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